

# *Mechanical Memories Magazine*

ISSUE 32

FEB. 2009



*The only UK magazine dedicated to Vintage Penny Slot Machines*

# Mechanical Memories Magazine

Mechanical Memories Magazine is a subscriber magazine published monthly, except August. When subscribing, please forward your **Name, Address and Telephone number** to the address below and make cheques payable to: Mechanical Memories Magazine

You may also pay online at: [www.pennymachines.co.uk/MMM.htm](http://www.pennymachines.co.uk/MMM.htm)

## Annual Subscription (11 issues)

UK £25 inc. UK postage (£26 by Paypal)

Europe £33 inc. airmail

Rest of the world £40 inc. airmail

(International subscriptions are only available by Paypal)

## Advertising Rates

See page 20

for full details of rates, plus generous discounts

Lineage ads., **For sale** or **Wanted**, are free to subscribers.

**Published by: Antique Automatic Amusements**

**Editor: Jerry Chattenton**

10 Bedford Road  
Dartford DA1 1SR

☎07710 285360

e-mail [jerry.mmm@tiscali.co.uk](mailto:jerry.mmm@tiscali.co.uk)

[www.pennymachines.co.uk/MMM.htm](http://www.pennymachines.co.uk/MMM.htm)

**Copyright:** This magazine, or any part thereof, may not be copied or reproduced by any means whatsoever without the prior written consent of the publisher. All rights reserved. ©Jerry Chattenton 2009



# Editorial

Hello again, and welcome to the February issue of MMM. Yes, this is the February issue, although by the time it reaches you it will be March. As I stated last month, due to other commitments, I am finding it increasingly difficult to produce the magazine, so please bear with me for the next month or so.

The situation was not helped this time by not having any articles to publish. Stuart Dale has very kindly offered to write a series of articles on restoration tips, which I am sure will be of great interest, but other than that, I have had to finish two articles I started writing months ago, which is time consuming – time, frankly, that I just don't have at the moment. I know I keep banging on about this, but I really do need more contributions.

Now, time for another caption competition! You'll see that I've omitted the original caption from the Donald McGee postcard on the front cover (which was a bit boring anyway). Come up with a new caption, and the winner will get a years free subscription to the magazine. You can be as outrageously offensive as you like, but bear in mind that if I am unable to publish your caption, you won't win!

Well that's it for now, if I don't get this to the printers, it will be April before you receive it! Hopefully the March issue should be out in the next two or three weeks.

All the best

*Jerry*

# Classic Amusements

The only licensed dealer in vintage slot machines

*Only three Bollands models left now,  
priced from £3000, all restored nicely*

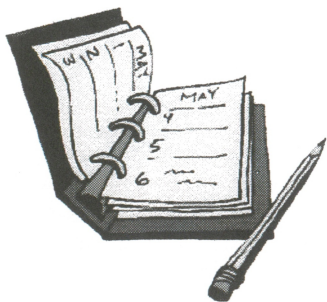
\* \* \* \* \*

*A pair of machines:  
Buckley Bones and Bally Reliance  
Both in need of restoration, mainly cosmetic  
as they are painted a stunning purple!*

*See main ad. on back cover  
for more machines*

Please note the new website is now up and running,  
although it's still being worked on.  
The dot com domain still works but sometimes goes nuts!

**[www.classicamusements.co.uk](http://www.classicamusements.co.uk)**



## *Dates for your diary*

**Chicagoland Show** 3<sup>rd</sup> – 5<sup>th</sup> April  
Illinois, USA

**Brighton Jukebox Show** 18<sup>th</sup> & 19<sup>th</sup> April  
Brighton Racecourse

**Bonhams Fine Mechanical Music Sale** 28<sup>th</sup> April  
Knightsbridge

**Bonhams Mechanical Music & Collectables Sale** 12<sup>th</sup> May  
Knowle, Nr Coventry

**Great Dorset Steam Fair** 2<sup>nd</sup> – 6<sup>th</sup> September  
Tarrant Hinton, Dorset

**Bonhams Mechanical Music & Collectables Sale** 29<sup>th</sup> September  
Knowle, Nr Coventry

**Jukebox Madness** 10<sup>th</sup> & 11<sup>th</sup> October  
Kempton Park Racecourse

**Bonhams Fine Mechanical Music Sale** 10<sup>th</sup> November  
Knightsbridge

**MMM Vintage Slot Collectors' Show & Auction** 29<sup>th</sup> November  
Coventry (provisional)



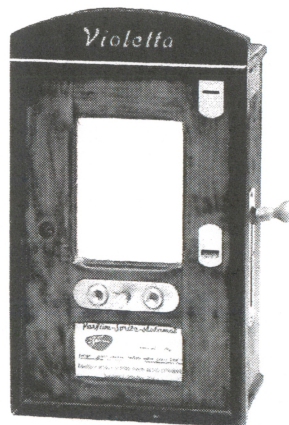
# Feedback

A few days after publishing Paul Boreman's letter last month, enquiring about the **Violetta** perfume vender (I was right by the way), I received a 'phone call from a fellow collector to say that he actually owns one, which was purchased at the Nic Costa auction back in January 2006. I consulted the catalogue, and it states that the machine was produced by R Reichert of Dresden, Germany, but unfortunately no date is given.

However, a few days later, I received an email from Dave Lavender who said:

"I can confirm it was made by Jentzsch & Meerz of Leipzig, Germany in 1931 and the picture you printed is from page 49 of *Luck Dice und Henkeltopfchen* by BF Haberbosch. By turning the knob on the front you choose your preferred aroma and by inserting 10 Pfennig and pulling the pump lever on the right you get a squirt of it while checking you makeup in the little mirror."

So thanks Dave for coming up with the correct info. I guess R Reichert must have been the supplier or distributor?



You'll remember also last month, Robert Rowland's article where he recalls some of his childhood memories in the arcades at Mablethorpe. In the caption accompanying the picture of **Moonraker**, I stated that I thought it was a Cromptons machine. Michael Jordan emailed me a scan of a page from the ATE year book of 1968, which clearly shows that Moonraker was the product of ROLLITE PRODUCTS (Bridlington) Ltd. Never heard of them? No, neither have I. So if anyone has any information on this manufacturer, please let me know. I'm guessing that after the relaxing of gaming laws in 1960, there would have been a multitude of firms banging out pushers and the like, and then just disappeared into obscurity. Anyway, I've printed the scan opposite, as I thought it would be of interest.

## STAND K.4

**MURCUL AMUSEMENTS,**

**Nelson Hall,**

**Leicester Street, Northampton.**

Tel. Northampton 38397

**PUSHER.** Double sided multislot eight player machine. Wood grain laminate finish with  $\frac{1}{4}$  plate glass top. Moulded perspex sign mounted on chrome poles.

**PATHFINDER.** A variation on a well proven theme. A four player, eight slot machine having seven banks per player. Designed to stand against a wall or back to back for free standing. Finished in laminate and Portafleck.

## STAND K.5-6-7

**ROLLITE PRODUCTS (Bridlington) LTD.,**

**Clarence Drive, Filey, Yorkshire.**

Tel.: Filey 2729

**Branch Address:**

**Station Road, Bridlington, Yorkshire.**

Tel.: 6474

Rollite have pleasure in showing their 1967 Moonraker after a trouble-free season, also the Moonraker Mk. II.

The modified machine has moving baffles and added lighting which greatly enhances its flash and draw appeal; also we have added a new type sprung playdeck which will not allow payouts when given rough treatment. This modified playdeck is now standard on all Moonraker models.

In addition to Moonraker I and II we are showing a Wall Moonraker which has been manufactured at the request of many arcade operators. This machine is a free standing 12-play machine giving true value for wall space occupied. Our range of wall machines this season are brighter than ever in a new streamlined cabinet of fantastic fire flake finish with a host of colours to choose from.

The Mini Push and Eazy Win are motored machines but the Ski Jump and Fair Play machines are a mechanic's dream, having no motor or moving parts.

We are proud to present our new Planetarium, a 10-play free standing machine in fabulous colours, futuristic design and colour-changing lighting which is truly the centre-piece of any arcade. The impact of this machine will certainly draw the crowds and mesmerize the public into playing it.

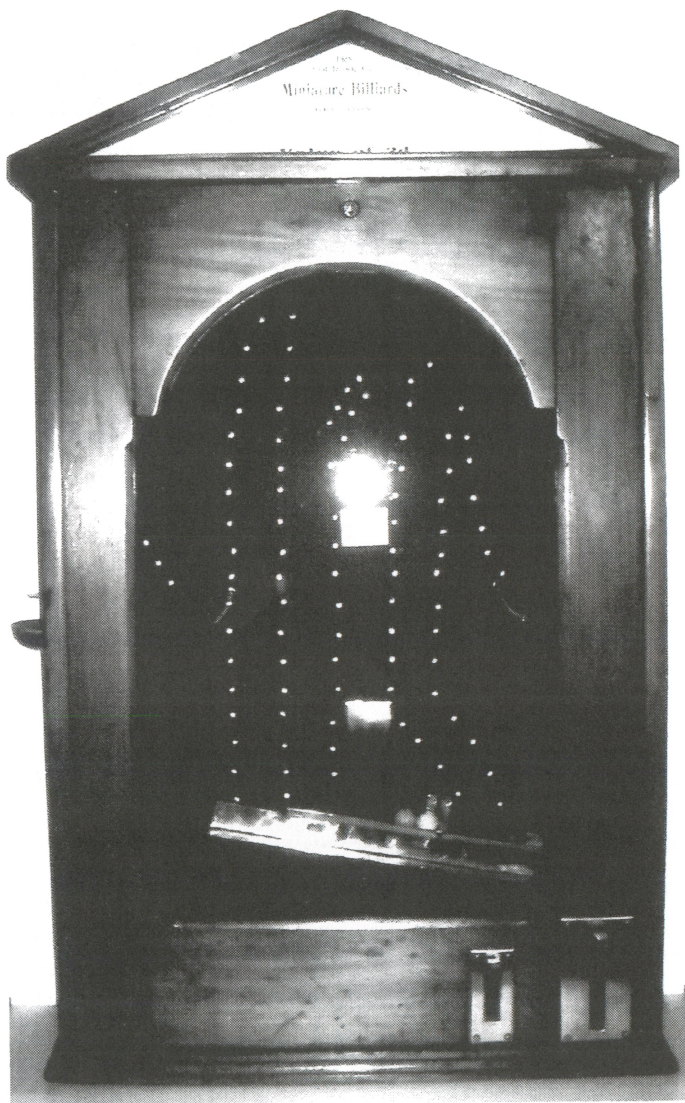
The colour range of our Mini Rider has greatly been increased and this 6d. coin slot car in sparkle finish fibre glass is robust and well worth a try on the track.

Fibre glass kiosks, Clown's faces and Litter bins add to our range of products on show.

Acrylic fabrications, signs and prototype work quoted for.

Your visit is not complete until you have examined our exhibits.

**MEMBER OF A.T.A.**



*Haydon & Urry Miniature Billiards, c.1900*



# The Perpetual Ball Tube

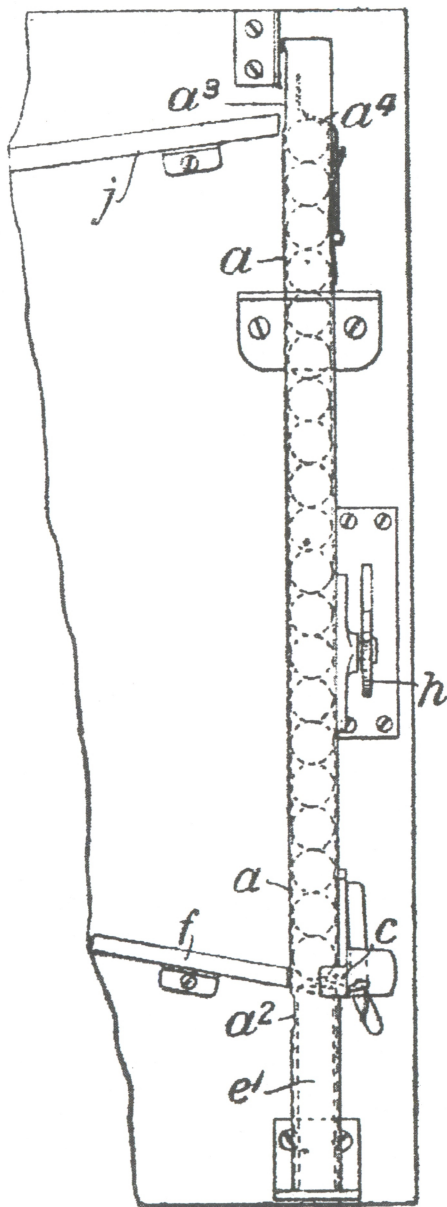
**From the early bone or composite balls, to shiny chromium-steel ball bearings, the vast majority of wall machine games utilise balls as projectiles. If the aim of the game is to drop a ball from the top of the playfield, it has to get there in the first place!**

The early wall machines from the 1890s employed the player's coin as a projectile, and were either drop case machines or the type broadly described as shooters. The earliest machine 'with balls' I have encountered was produced by Haydon & Urry, I would guess in the late 1890s or around the turn of the century. Called **Miniature Billiards**, it is very similar in design to the **Tivoli** drop case machines of the same era. The ball is fired to the top of the playfield in much the same way as the player's penny is fired in the Tivoli, i.e. by a spring-loaded plunger, which the player actuates with a trigger on the front of the machine.

This method of raising balls to the top of the playfield, although somewhat crude, is evident in many machines produced in the ensuing decades, particularly some of the huge variety of games manufactured by BMCo in the 1930s. It does however have one inherent drawback; it is not really suited to multi ball machines, and gives rise to two potential problems. First, where the game employs more than one ball, the balls have to be fed individually to the plunger, which necessitates an extra knob on the front of the machine. As an operator of vintage machines, I know only too well that normally sane, rational, intelligent punters suddenly turn into dribbling imbeciles when confronted with a machine with too many knobs (actually, a machine with just knob in many cases). Second, when the afore mentioned imbecile starts 'fiddling', there is always the risk, if not absolute certainty, that more than one ball will get fed to the plunger, thus resulting in balls getting jammed. Some machines were better designed than others, with some incorporating mechanisms intended to prevent more than one ball being fed at the same time; but none were idiot-proof.

There was a solution though, an ingenious method of ball delivery that is, if such a thing exists, idiot proof; a mechanism that can deliver any number of balls in a single game, and will only do so one at a time, and with only one knob. It is a mechanism that I have always admired for its sheer ingenuity, which I call the *Perpetual Ball Tube*.

The mechanism consists of a tube mounted vertically, full with balls; the number of which are extra to those in the game. Therefore, if the player has four balls to play, the machine must contain those four balls, plus all the balls in the tube. The stack of balls inside the tube is supported at the bottom by a pawl, under spring tension, which protrudes into the tube through an aperture in its side. Below the pawl is a plunger, which is free to move up and down the bottom section of the tube, activated via a crank connected to the ball feed knob on the front of the machine.



*Drawing from patent No. 18643, 'Improvements in Coin-Free Delivery Mechanism'*

When the player turns the knob to bring a ball into play, the plunger pushes a 'new' ball past the pawl into the bottom of the stack. The pawl springs back as the ball passes, continuing to support the stack. The column of balls has thus been raised by one ball, which causes the ball at the top of the stack to be displaced. This ball will then be fed to the playfield, and so this process continues *perpetually*, until all the balls available to play have been used.

I had, for many years, wondered at the origins of the perpetual ball tube; who was its inventor and where did it originate? Many collectors attribute this method of ball delivery to William Bryan, and it is certainly used to good effect in machines such as **Payramid** and **Trickler**. However, over the years I have encountered several machines that considerably predate Bryans machines, so Mr Bryan was not the answer. And then, about a year ago, to my great delight (and, indeed surprise) I discovered the patent, and thus its inventor.

Do you remember my feature on Charles Ahrens in the November issue? I made reference to '..... a later patent granted in 1915 for a revolutionary ball feed device.' I then went on to say "I shall discuss this patent in greater detail next month, space permitting." Well, space did not permit in the December magazine, but by now you will have guessed that it was indeed Charles Ahrens who was responsible for this remarkable method of ball delivery.

Ahrens was imprisoned for much of the duration of WWI, due to his German ancestry, and I wonder whether this may have rendered patent protection void? Certainly several wall machines using Ahrens' ball tube were produced either during or shortly after the war, and not by Ahrens. Two that come to mind are **Conquerors' Flags** and **Victory Flag**, both of which were multi ball machines manufactured by The Automatic Novelty Co. Strangely, I have never encountered any wall machines produced by Ahrens which use this ball feed device, indeed Ahrens is renowned more for large floor-standing machines. However, there could be another reason why others were apparently able to infringe Ahrens patent, as he seems to have got his own patent wrong! That is to say, he made the device more complex than it needed to be. In his patent he states:

'The articles from the incline *f* fall onto the fixed block *e1* secured to the casing over which block the tube *b* is raised bodily in suitable guides *b1*, *b2* etc., carrying with it the pivoted catch or pawl *c*, by means of the lever *h*.....'

This clearly shows that rather than raise the balls by a moveable plunger, Ahrens idea was that the column of balls should remain static, and that it was the tube that was raised and lowered. Incorporating a moveable plunger which raises the balls in a static tube has the same effect, but could easily be argued did not infringe Ahrens' patent.

I guess we will never know whether the patent was infringed, or whether Ahrens received royalties for allowing its use, but without doubt, the perpetual ball tube was a remarkable invention; a method of raising balls which endured for decades.....  
Let's not forget that Jim Bryan was still producing the Payramid in the 1980s.



# Restoration tips



By Stuart Dale

## Renovating an Oak Cabinet.

There are many ways to renovate the oak cabinet of your prized vintage slot machine, and in this article I hope to pass on to you the method that I like to use. This method was shown to me by an old time French polisher of many years standing, and is in keeping with the period pieces you will be working on. You will need some Raw Linseed Oil, Beeswax Polish, Methylated Spirit and Turpentine. Don't Use Turps Substitute as it is mineral based and made from oil, whereas old fashioned turpentine is vegetable based and distilled from tree resins, which makes it much better for the wood. This is the quantity I make and use it in: Put 0.5 Litre of Methylated Spirit and 0.5 Litre of Turpentine in to a heatproof container. Please don't use the wife's best pudding bowl for this! Stand the container in a pan of water and gently heat it over a low light until it gets up to Body Heat approximately 37c or 98f, then turn off the heat. Please take care when doing this and never leave it unattended when heating it up. Spirits and heat don't mix well! The warm liquid can then be brushed over the oak cabinet's old finish and rubbed with a course rag, this will soften and remove the old wax and varnish from the wood, this can be very messy, change the rag as required, you can use a small stiff brush to get in to the corners and the beadwork.

Repeat this as required until all the old finish has been removed and the wood is left with a clean surface. Next work over the cabinet with Raw Linseed Oil and a clean soft rag, this will help to bring out the grain pattern in the wood. Now you need to remove any excess Linseed Oil and dust etc from the cabinet before applying the new Beeswax finish. The Beeswax should be applied evenly with a cloth and/or a brush; it will take several coats of Beeswax to build up a deep shine to set off the oak. I find it is better to use a soft shoe brush to buff up the Beeswax between coats and finish off with a duster after buffing up the final coat. I have used this method on numerous machines with very good results, but I would urge you to experiment on a scrap item until you get to grips with this old technology before you try it on your best machine. Always try to work in a well ventilated area or in the open air when using spirit based products, and above all....

Have Fun...

### HEALTH & SAFETY

Please take care when working with Spirits and Naked Flames, and always wear the correct hand and eye protection equipment for your own safety...





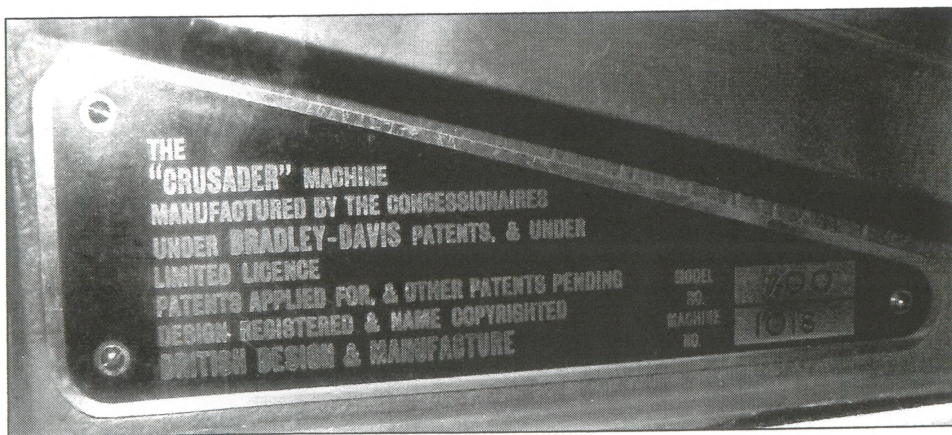
# Classic Machines

## *Bradley Crusader*

There are no doubt several reasons why the **Crusader** should be considered a classic machine, not least because it was, as far as I am aware, the first multi ball, multi payout catcher to have been produced. It should be noted that this isn't strictly speaking a catcher, as the catching medium, in the form of a folk does not so much 'catch', but rather guide or deflect. However, rather than put it in a class of its own, I think most collectors would consider Crusader to be a catcher.

Dating from the early 1930s, Crusader is attributed to Leslie Bradley, whose highly successful **Challenger** will be familiar to most collectors. However, whether or not Bradley was actually responsible for the manufacture of Crusader seems unclear, as is evidenced on the manufacturer's plate, which reads:

THE 'CRUSADER' MACHINE, MANUFACTURED BY THE CONCESSIONAIRES  
UNDER BRADLEY-DAVIS PATENTS, & UNDER LIMITED LICENCE  
PATENTS APPLIED FOR, & OTHER PATENTS PENDING  
DESIGN REGISTERED & NAME COPYRIGHTED  
BRITISH DESIGN & MANUFACTURE

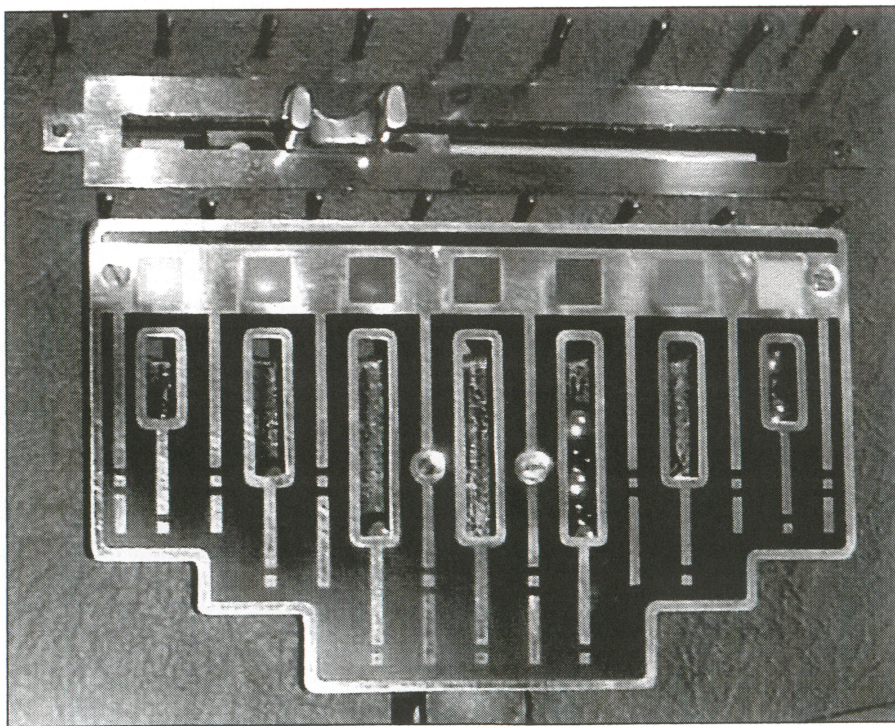


*The manufacturers serial plate, located on the bottom left of the playfield.*

Who or what is meant by *Concessionaires*, I've no idea. I have also drawn a blank with the implied patents. Although Bradley was granted many patents, mostly relating to coin acceptance and vending, I have been unable to find anything relating to the Crusader. It thus appears that the Crusader's origins are a mystery.

So, what of the game? At first sight, the machine appears complicated – note the dreaded three knobs! In reality, it's quite simple and fairly self-explanatory, even to the casual player. The left-hand knob moves the folk; the right-hand knob feeds the balls and located in the centre is the payout knob. The aim is to fill one or more columns with balls in order to effect a payout. As each ball falls through the pinfield, the moveable folk is used to deflect the ball into a column. When a column is full, the last ball will drop back into the machine in order to release the payout mechanism.

The columns are arranged such that the two outermost require three balls for a payout of two pennies; the next two require four balls for a payout of four pennies and the three central columns require five balls for a six penny payout. It's interesting to note that the instruction plate at the top right of the playfield states 'replays' rather than coins when referring to payouts; clearly an attempt to detract the attention of the authorities in regard to the strict gambling laws at the time.



*The seven column gallery, and moveable guide or fork above.*



At this point, I should state that I have no idea how many balls should be available to play. My machine has six, but I guess operators could add or take away balls depending on how difficult they wanted to make the machine. Suffice to say, the machine needs to contain at least five balls in order to fill one of the central columns.

With six balls, it is possible to fill both of the outermost columns, which require three balls each for a payout. In practice though, it would be practically impossible because as the balls fall through the pinfield, statistically they are more likely to fall to the centre, and there are clearly limits to how far the balls can be deflected with the folk. Of course, the more balls the machine has available to play, the more chances the player has of obtaining more than one payout, as the permutations of possible wins are increased in ratio to the number of balls. When playing my machine, I rarely win at all, so I suppose from an operator's point of view, six balls are about right!

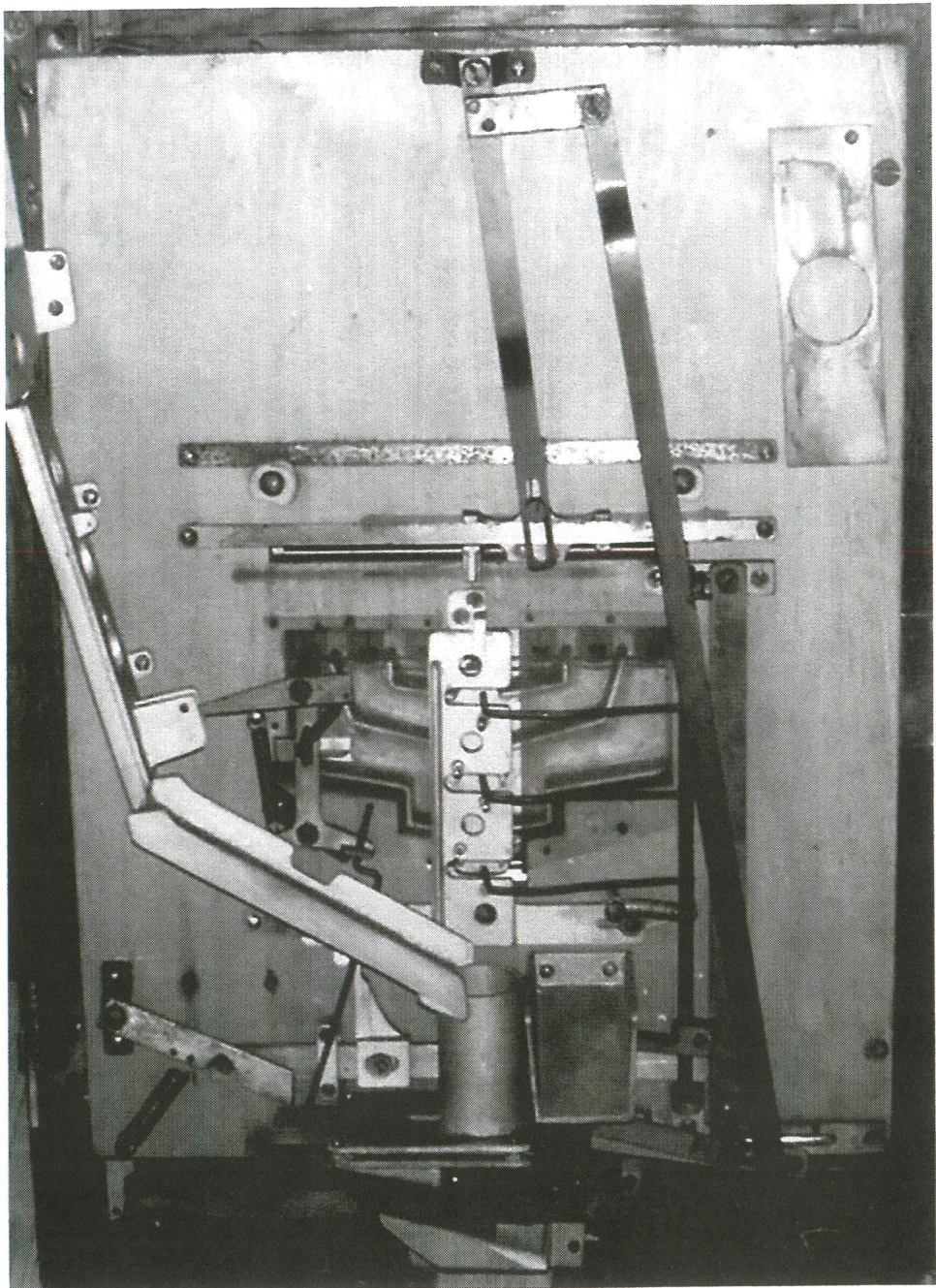
## How it works

The mechanism is well designed and equally well made. When a penny is inserted, it trips a latch which releases the captive balls from each of the seven columns, which fall to the bottom of the playfield ready for play. The latch is reset when the ball feed knob is turned. The method of raising the balls is the *perpetual ball tube*, which is neatly positioned adjacent to the coin chute, between the playfield and the doorframe.

The payout mechanism is interesting, and works on a principle that I have not encountered on any other wall machine. In common with all allwins, the Crusader has a payout control arm, pivoted at the top and connected to the payout knob via a crank. The arm is linked to the payout slide, and thus pulls it back and forth as the knob is turned. However, this is where the similarity with allwins ends. The machine's method of detecting a winning ball is well engineered, if not a little over-complicated.

Let's first consider how a 2-4-6 payout works in a typical 1950s allwin, say Whales or Wonders. A winning ball will be directed into a vertical channel, divided into three sections or compartments: uppermost for the 6 payout; centre for the 4 and bottom for the 2. For each section there is an associated ball lever; all three pivoted on the payout control arm, but interconnected so that all three move together. Also connected to the ball levers is a latch, which prevents the control arm from moving in the absence of a winning ball (on Wonders machines, the bottom ball lever also acts as the latch). When a winning ball is present in one of the compartments, it depresses the ball lever, thus releasing the latch and allowing the control arm to move freely when the payout knob is turned. There are also two stop wires connected to the control arm, which move across between the top & centre and centre & bottom compartments in the course of a payout. These momentarily hold the ball in the case of a 6 or 4 payout, and then allow it to drop down to the next ball lever and thus allow the payout process to continue. The three ball levers; the latch and the two stop wires are the only moving components employed in the detection of a winning ball in a 2-4-6 payout allwin.



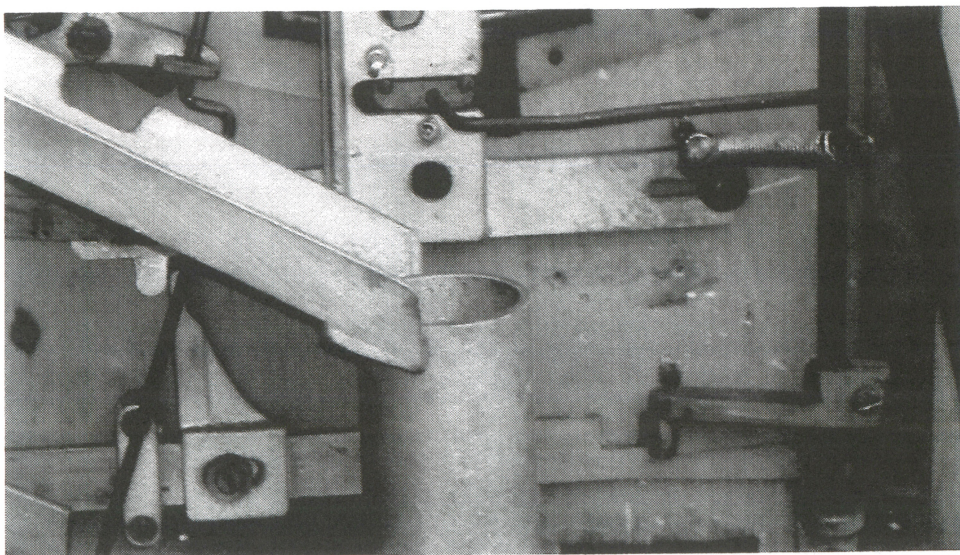




Now let's consider the Crusader's detection mechanism. In common with allwins, a winning ball will be directed into one of three compartments, where it is held captive by a pin protruding from a moveable aluminium casting. There are no ball levers, and the only moving part attached to the control arm is a detent bar, which slides horizontally when the control arm is moved. Mounted perpendicular to the detent bar is a shaft, at the base of which is a cam that locates with a notch in the bar as the shaft rotates. In the absence of a winning ball, if the player attempts to turn the payout knob, the control arm will pull the detent bar slightly, whereby the cam (under spring pressure) will engage with the notch and thus block further movement.

If a winning ball is present in any of the three compartments, a corresponding wire detector will make contact with the ball as the shaft begins to rotate. The shaft is prevented from rotating further, due to the obstruction of the ball, which thus prevents the cam from engaging with the notch in the detent bar. The player is then enabled to turn the payout knob fully, in the course of which the detent bar moves the aluminium casting sideways, whereby (in the case of a 6 or 4 payout), the ball will drop to another pin and be held temporarily. When one turn of the payout knob is complete, the detent bar will move the casting back, and the ball will drop to the next position. At the end of the payout sequence, the ball is returned for replay.

So, that's the Crusader. Not necessarily the greatest fun game to play, at least not if you like to win, but nonetheless a fine example of 1930s British coin-op. An attractive machine, thoughtfully designed and well made. In my view, a true classic.



*Above, close up view, with the coin pot overflow chute removed, of the cam attached to the vertical shaft, and the notch in the detent bar. Also in view, the bottom detector wire.*

**Lineage ads. are free to subscribers and will run for two issues, unless you instruct me otherwise. Please ensure I have your ads. by the 20<sup>th</sup> of the month for inclusion in the next month's issue. Remember to include your telephone number and the area where you live. Post or e-mail to the address on page 2**

---

### **Wanted**

65/88 key dual tracker bar pianola. Will consider one needing restoration.

01493 369640 (Norfolk)

---

### **Wanted for Bandit**

Aristocrat Olympic plastic strip, also old 6d denominator badge for same machine.

Bill 01642 710834 (Middlesbrough)

---

### **Wanted**

Bagatelles, unusual or with nice graphics. Also old pre 1930s games, I.E. indoor, pub, board games etc.

Ivan 01273 401144

---

### **Wanted**

Bollands working models

Les 07905 372227 evenings

---

**Pinball Machines  
bought and sold**

**Dead or Alive!**

Call Gazza 07887 926601 (Essex)

### **For Sale**

Original spare parts from a Oliver Whales Selecta Cup allwin: paydrop bar with 3 ball levers and springs, would fit any Whales allwin with a 2 4 6 payout. £30  
Hammer box (complete attached to the bottom run of wood. £10

Other spares for sale: early cloth wired mercury switch from a working model or crane. £15

2 lengths of old penny tubing (each about 11 inches long approx.) for Caillie etc. £10 the pair.

Postage included  
John 07731 819953

---

### **For Sale**

Electric Travelling crane, in original condition. Wooden case, cast iron feet. Phone for details.

Les 07905 372227 (Essex)

---

### **Still Wanted**

Win and Place, Wonders Pools, Whales Each Way or similar. Must be original. Cash waiting. Will also pay transport cost.

Bill 01642 710834 (Middlesbrough)

---

### **For Sale**

Lethal Weapon 3 Pinball  
in excellent condition. £850 ono

Seeburg M100 Jukebox, 1953 with visual play. Small problem with selection. £2500  
May PX for allwins or bandits

George 07960 346302 (Leicester)



---

# SPARES & SERVICES

---

## Locks

New old stock, Bryans square Yale locks,  
with two keys. £10 each, plus £2 p&p

Tony 07974 460742 (Essex)  
or email [vanessa.raye@tesco.net](mailto:vanessa.raye@tesco.net)

---

## Bandit Spares

Some Mills and Jennings repro reel strips  
left. £10 per set  
Some original award cards – enquire.  
Mills 5c and 25c original sets of payout  
slides. £30 per set

Peter 01304 822485 (Kent)

---

## Repairs and Spares

for mechanical slot machines.  
Parts made to order.

Les 07905 372227 (Essex)

---

## Pinball Spares

Data East pinball parts  
Most items available

Check out website  
[www.gazzaspinballs.co.uk](http://www.gazzaspinballs.co.uk)

---

## Original Clown Tokens

Brass or Silver  
£25 per 100, inc. p&p

Tony 01622 820263

## Cam Locks

Radial pin cam locks. 30mm barrel length,  
19mm (3/4") diameter. High quality, high  
security. Supplied with two keys. Ideal for  
Bandits, Jukeboxes, Pinballs etc.

£6 each, 2 for £10 inc. U.K. p&p

Last few left,  
Hurry before they're gone!

Cheques to:  
Jerry Chattenton  
10 Bedford Road, Dartford DA1 1SR

---

## Expert Service and Repair

Mechanical slot machines and  
Electromechanical Pinball machines.

Please contact Brian on  
0208 398 2141 (Surrey)

---

## Artwork

Bryans Clock Face and Instruction Cards.  
For either 6 win or 12 win. Perfect copies.  
Laminated or paper. £12 inc. UK postage.  
Topflashes for the following O. Whales  
Allwins: Double Six; Have a Go; Easy  
Perm; Playball; Each Way. Perfect copies.  
Laminated. £12 inc. UK postage.

Charlie 07711 978806 (Essex)

---

## The Mutoscope Man

Large range of  
mutoscope parts available.  
Part or total restorations undertaken.

John Hayward 01273 608620 (Brighton)

## Advertising rates

The following rates include basic typesetting. Advertisers' pre-prepared artwork may be emailed in jpeg format.

### Subscribers:

Full page £25  
Half page £15  
Quarter page £10

Pre-paid discount rate for one year (11 issues)

Full page £175  
Half page £125  
Quarter page £75

Lineage ads. are free to subscribers

### Non subscribers:

Full page £35  
Half page £25  
Quarter page £15

Pre-paid discount rate for one year (11 issues)

Full page £200  
Half page £150  
Quarter page £100

Lineage ads. are not available to non subscribers

## Large range of allwin spares available

email your requirements  
to Jez Darvill  
Retreeva@ntlworld.com

Or call 020 8394 1988  
evenings

## Fortune Teller Cards

**Criss-cross cards**  
typed or hand written, various types.

**Small Argyll type**  
for drawer puller wall machines.  
Future husband, Career, Baby etc.  
Love letter, Palmistry, Fortune  
Full range.

**Green ray cards**  
hand written in green ink.

All printed on very thick card – as per originals. Orders for small or large quantities welcome.

Phone for details.  
Clive Baker 01489 784038

## **Mechanical Memories Magazine**

### **All back issues are now available**

Volume 1, April 06 – March 07 (11 issues) £15

Volume 2, April 07 – March 08 (11 issues) £15

Individual issues £1.50

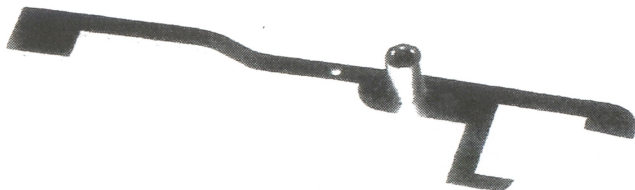
(all prices include UK postage)

Please make cheques payable to  
Mechanical Memories Magazine

Post to:

Jerry Chattenton, 10 Bedford Road, Dartford DA1 1SR

## **Now Available!**



### **Saxony type ball release levers**

Suitable for all Saxony and early British allwins,  
Hawtins, Oliver Whales, Parkers etc.

Limited stocks available

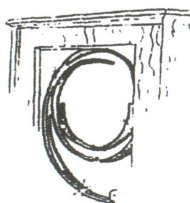
£12 each inc. UK p&p

3 for £25 inc. UK p&p

Cheques to:

Jerry Chattenton, 10 Bedford Road, Dartford DA1 1SR





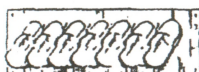
## ALLWIN TRACK

Grooved & chromed just like the original.

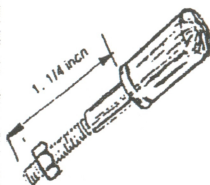
Inner with flat & nipple  
17½" inside length  
Middle 18" inside length  
Outer 40" inside length



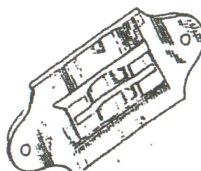
Win Tabs Red printer on Silver foil sticky backed 12 on a sheet



CHROMED 7 ball win gallery. 6 x 1.9/16

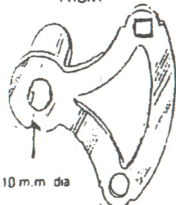


CHROMED THUMB STOP

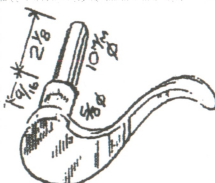


COIN SLOT to suit 2p but can be filed bigger

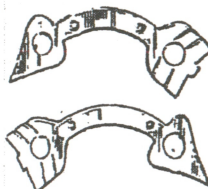
CHROMED TRIGGER FRONT



10 m.m. dia



TRIGGER



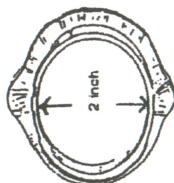
CHROMED ARROWS Reversible.

CHROMED PAYOUT BOWL

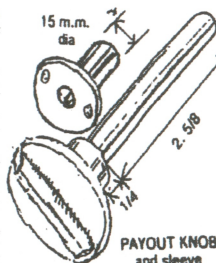


2.5 inch dia cup 2 x 0.25 inch fixing squares at 3.75 inch centres.

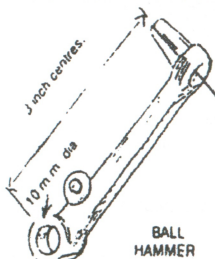
CHROMED KNOB SHIELD



2 x tapped M5 fixing holes on extended nipples 2.1/2 centres.

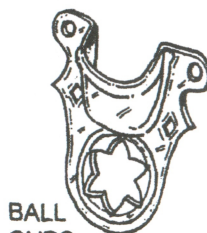


PAYOUT KNOB and sleeve



BALL HAMMER

SPANDRELLS



BALL CUPS

## ALLWIN SPARES

From Stock

Nostalgic Machines Ltd.  
P.O. Box 32, Wombourne,  
South Staffs WV5 8YS  
Tel / Fax 01902 897879

## PRICE LIST

N01 Win Tabs (12 per sheet) £15.25

N02 Ball Gallery £12.55

N03 Thumb Stop £6.25

N04 Coin Slot (2p) £9.25

N05 Trigger Front £9.25

N06 Trigger £12.25

N07 Payout Arrow £2.55

N08 Payout Bowl & Surround £15.55

N09 Payout Knob Shield £9.95

N10 Payout Knob & Sleeve £11.95

N11 Ball Hammer £4.95

N12 Ball Cups  
1-5 £9.99each  
6-10 £7.99each  
11+ £5.99each

N13 Spandrells £14.99

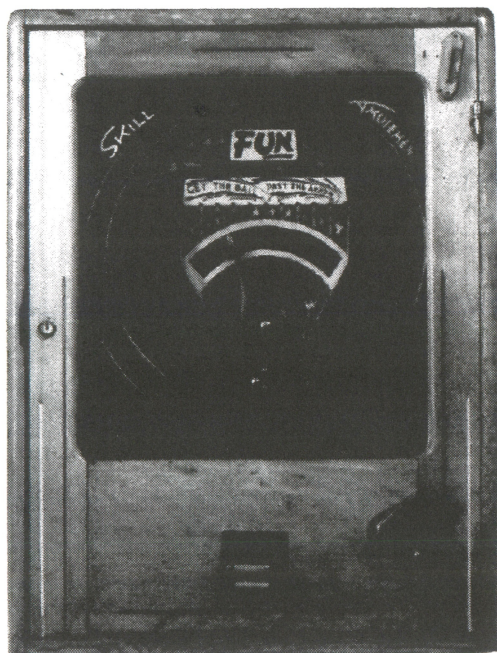
N14 Allwin Track  
inner £19.00  
middle £19.00  
outer £23.50  
set of 3 £47.00

All prices include  
VAT @ 17.5% and P&P.  
Discount for quantity orders - please ring.

**Bonhams**<sup>1793</sup>

# Mechanical Music at Bonhams

## Entries now invited



Entries currently invited for each  
of our 2009 dedicated sales:

### **Knightsbridge**

28 April and 10 November

### **Knowle**

12 May and 29 September

### **Enquires**

Laurence Fisher

+44 (0) 8700 273 633

[laurence.fisher@bonhams.com](mailto:laurence.fisher@bonhams.com)

Mark Hannam

+44 (0) 1564 732 968

[mark.hannam@bonhams.com](mailto:mark.hannam@bonhams.com)

Illustrated:

'Ball-Past-The-Arrow' wall machine,  
by B. W. Brenner, on 1d. play

To appear with other vintage slot  
machines in Knowle, 12 May  
Estimate: £300 - 400

### **Bonhams**

Montpelier Street

London SW7 1HH

[www.bonhams.com/music](http://www.bonhams.com/music)

London · New York · Paris · San Francisco · Los Angeles · Hong Kong · Melbourne · Dubai [www.bonhams.com](http://www.bonhams.com)

# Book Shop

## **Collector's Guide to Vintage Coin Machines**

(2nd edition with revised priceguide) by Dick Bueschel.

Chapters on scales, vending, arcade, slots, jukes, pins and stimulators. Attractive book, well researched and illustrated, featuring 700 machines all in colour.

Hardback, 220 pages. **Price: £32.40**

## **Vintage Trade Stimulators and Counter Games** by Dick Bueschel.

Detailed descriptions of the machines, dates, manufacturer production data, plus over 800 pictures, a price guide and a wealth of historical context, will make you an instant expert on these previously under-represented coin-ops.

Hardback, 264 pages, 792 colour, 24 b/w photos. **Price: £29.50**

## **Collector's Treasury of Antique Slot Machines from Contemporary Advertising (1925-1950)** by Peter Bach.

This fat volume makes an excellent collector's source book. It is packed with hundreds of pictorial slot machine advertisements reproduced from The Billboard (the foremost American weekly trade paper) from 1920-1950 of one arm bandits, gambling machines, console machines, trade stimulators, pinball machines, novelty vending machines, etc.

Hardback, 479 pages, b/w. **Price: £25**

## **Slot Machines of Yesteryear - Mills of the Thirties Operator's Companion.**

The spirit of the Mills Novelty Company in the hectic Thirties is conveyed in their product brochures, service literature, and in editorial matter from Spinning Reels (the company's own trade journal), together with press releases, promotional literature, advertising flyers etc. in The Billboard trade magazine. Excellent source book.

Hardback, 192 pages, b/w. **Price: £15**

## **Slot Machines of Yesteryear - Mills of the Forties Operator's Companion.**

A source book reproducing a wealth of diverse material from the period: service manuals, parts lists, press releases, promotional literature, advertising flyers etc. tracing the progress of Mills Novelty Company's machines during the WWII-interrupted decade of the Forties. Hardback, 192 pages, b/w. **Price: £15**

## **Slot Machines of Yesteryear - Watling Operator's Companion.**

This volume captures Watling Manufacturing Company's full range from scales to bandits in catalogues, brochures, line folders, broadsides and service data, original patent and mock-up photos of the ROL-A-TOR line, artists' preparatory airbrush renderings for advertising and promotional material and Watling family photos and correspondence. Plenty of legendary anecdotes and well-informed context in the accompanying commentary. Hardback, 192 pages, b/w. **Price: £15**

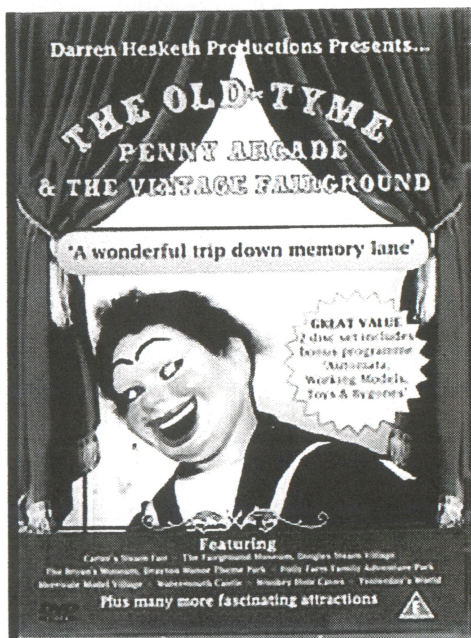
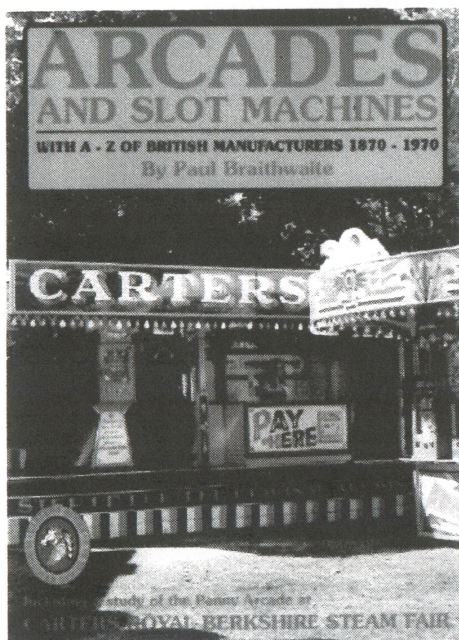


### **Arcades and Slot Machines** by Paul Braithwaite.

Thoroughly researched A - Z survey of the British coin slot industry from 1870 - 1970. Includes a history of travelling, pier-head and town arcades, plus plenty of photos of familiar and rare machines. The definitive British slot machine collector's identification guide. Softback, 105 pages, colour & b/w. **Price: £12**

### **Old-Tyme Penny Arcade & the Vintage Fairground** by Darren Hesketh.

A two DVD set featuring slot machines in action at Carter's Steam Fair, Dingles, Bryan's Drayton Manor, Southport pier, Mechanical Memories, Folly Farm, Merrivale model village, Watermouth Castle, Wookey Hole, Yesterdays World and other attractions. Total playing time 155 mins. **Price: £16**



A comprehensive selection of Slot Machine, Jukebox and Pinball books can be purchased in the 'Library' on the pennymachines website

All prices include UK p&p.

Cheques to:

David Lavender

50 Charlemont Road, Walsall, West midlands WS5 3NQ

Or order online at [www.pennymachines.co.uk](http://www.pennymachines.co.uk)

# Classic Amusements

The only licensed dealer in vintage slot machines

*Just in stock and ideal for operating or collectors alike:*

*3 full size floor standing love testers,  
two as grippers and one as a palm reader,  
ready to site with slide mechs.*

*Also 2 shake with Uncle Sam grippers  
and one shake with Merlin*

\* \* \* \* \*

*Nice original 6d Jennings Governor, nice condition.*

\* \* \* \* \*

*Nice rare English wall mounted fag machine L shaped by Val*

\* \* \* \* \*

*4 pallet loads of American comics circa 1970s/80s,  
should anyone want to start a comic shop!!!*

*Email me or call me for details of machines  
you want to buy or sell*

Simon 01425 472164

Email: [pennyslot@aol.com](mailto:pennyslot@aol.com)

[www.classicamusements.co.uk](http://www.classicamusements.co.uk)

Gambling Commission License number GBD/99/3916/1